

1 1. In a messaging system used for exchanging information, the system utilizing
2 standard Internet protocol, a method for extending the protocol to allow for the ability to
3 customize messaging operations performed on an electronic message without deviating from
4 the protocol specification, the method comprising the steps of:

5 storing a standard command, wherein the standard command is based on a
6 standard Internet protocol;
7 storing a user-created command, wherein the user-defined command is based
8 on extensions of the standard Internet protocol, and wherein the standard command
9 and the user-created command are used for manipulating the message;
10 constructing a chain of commands; and
11 executing the chain of commands to manipulate the message.

12
13 2. A method as recited in claim 1, wherein the chain of commands is executed
14 according to priority.

15
16 3. A method as recited in claim 1, wherein the step of constructing a chain of
17 commands further includes determining if the standard command will be included in the
18 chain of commands.

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20 4. A method as recited in claim 3, wherein the step of constructing a chain of
21 commands further includes determining if the user-defined command will be included in the
22 chain of commands.

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- 1 5. A method as recited in claim 4, wherein the step of constructing a chain of
2 commands is initiated upon the raising of an event.
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- 4 6. A method as recited in claim 5, wherein each command in the chain of
5 commands relates to the raised event.
- 6
- 7 7. A method as recited in claim 1, wherein the chain of commands includes a
8 plurality of commands.
- 9
- 10 8. A method as recited in claim 1, wherein the chain of commands consists of
11 one command.
- 12
- 13 9. A method as recited in claim 1, wherein the standard command is stored in a
14 first database.
- 15
- 16 10. A method as recited in claim 9, wherein the user-defined command is stored
17 in a second database.
- 18
- 19 11. A method as recited in claim 10, wherein the first database and the second
20 database are the same database.
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1 12. A computer program product for implementing a method for extending
2 standard Internet protocol to allow for the ability to customize messaging operations
3 performed on an electronic message without deviating from the protocol specification, the
4 computer program product comprising:

5 a computer-readable medium having computer-executable instructions for
6 executing the acts of:

7 storing a standard command, wherein the standard command is based
8 on a standard Internet protocol;

9 storing a user-created command, wherein the user-defined command is
10 based on extensions of the standard Internet protocol, and wherein the
11 standard command and the user-created command are used for manipulating
12 the message;

13 constructing a chain of commands; and

14 executing the chain of commands for manipulating the message.

15
16 13. A computer program product as recited in claim 12, wherein the chain of
17 commands is executed according to priority.

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19 14. A computer program product as recited in claim 12, wherein the step of
20 constructing a chain of commands further includes determining whether to include the
21 standard command in the chain of commands.

- 1 15. A computer program product as recited in claim 14, wherein the step of
2 constructing a chain of commands further includes determining whether to include the user-
3 defined command in the chain of commands.
4
5 16. A computer program product as recited in claim 15, wherein the step of
6 constructing a chain of commands is initiated upon the raising of an event.
7
8 17. A computer program product as recited in claim 16, wherein each command
9 in the chain of commands relates to the raised event.
10
11 18. A computer program product as recited in claim 12, wherein the chain of
12 commands includes a plurality of commands.
13
14 19. A computer program product as recited in claim 12, wherein the chain of
15 commands consists of one command.
16
17 20. A computer program product as recited in claim 12, wherein the standard
18 command is stored in a first database.
19
20 21. A computer program product as recited in claim 20, wherein the user-defined
21 command is stored in a second database.
22
23 22. A computer program product as recited in claim 21, wherein the first
24 database and the second database are the same database.

1 23. An electronic messaging system utilizing standard Internet protocol that can
2 be extended to allow for the ability to customize operations performed on an electronic
3 message, the system comprising:

4 a standard command, wherein the standard command is based on a standard
5 Internet protocol;

6 a user-defined command, wherein the user-defined command is based on
7 extensions of the standard Internet protocol; and

8 an event, wherein when the event is raised, a chain of commands is formed
9 and executed.

10
11 24. A system as recited in claim 23, wherein the chain of commands is executed
12 based on priority.

13
14 25. A system as recited in claim 23, wherein the chain of commands includes a
15 plurality of commands.

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17 26. A system as recited in claim 23, wherein the chain of commands consists of
18 one command.

19
20 27. A system as recited in claim 23, wherein the chain of commands is formed by
21 determining whether to include the user-defined command.

22
23 28. A system as recited in claim 27, wherein the chain of commands is formed by
24 determining whether to include the standard command.

1 29. A system as recited in claim 28, wherein the chain of commands is formed
2 and executed upon the raising of an event.

3
4 30. A system as recited in claim 23, wherein the standard command is stored in a
5 first database.

6
7 31. A computer program product as recited in claim 30, wherein the user-defined
8 command is stored in a second database.

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10 32. A computer program product as recited in claim 31, wherein the first
11 database and the second database are the same database.

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